## INTERNATIONAL SEARCH REPORT

In ational application No PCT/IB2005/003800

A. CLASSII INV.	FICATION OF SUBJECT MATTER F02D13/02 F02D41/40 F02D35/	02 F02D35/00								
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According to International Patent Classification (IPC) or to both national classification and IPC										
B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)										
FO2D										
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched .										
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)										
EPO-Internal										
			<u> </u>							
C. DOCUMENTS CONSIDERED TO BE RELEVANT										
Category*	Citation of document, with indication, where appropriate, of the r	elevant passages	Relevant to claim No.							
Α	US 6 266 957 B1 (NOZAWA MASAEI E 31 July 2001 (2001-07-31)	T AL)	1,7							
	column 1, line 46 - column 2, li figure 5									
A	EP 1 167 734 A (NISSAN MOTOR CO. 2 January 2002 (2002-01-02) paragraphs [0011] - [0013]; figu	1,7								
A	US 5 293 741 A (KASHIYAMA ET AL) 15 March 1994 (1994-03-15) column 1, line 37 - column 2, li	1,7								
	figure 6									
A	US 2002/062800 A1 (SHIMIZU HIRO) 30 May 2002 (2002-05-30) paragraphs [0007] - [0010]; figu	1,7								
Furt	ther documents are listed in the continuation of Box C.	X See patent family annex.								
* Special	categories of cited documents :	"T" later document published after the interr	national filing date							
*A* docum	ent defining the general state of the art which is not dered to be of particular relevance	or priority date and not in conflict with the cited to understand the principle or the cinvention	ory underlying the							
filing		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to								
which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified)	Involve an Inventive step when the document is taken alone  'Y' document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the								
O docum	ment referring to an oral disclosure, use, exhibition or means	document is combined with one or mor ments, such combination being obvious	e other such docu-							
P' docum	thent published prior to the international filling date but than the priority date claimed	in the art.  *&" document member of the same patent for								
	actual completion of the international search	Date of mailing of the international search	ch report							
1	11 April 2006	19/04/2006								
Name and	mailing address of the ISA/ European Palent Office, P.B. 5818 Patentiaan 2	Authorized officer								
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In ational application No
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